

IN THE CLAIMS

This listing of claims replaces all prior listings:

1. (currently amended) A method of processing platform-specific native events by a virtual machine that operates on a first platform, wherein said virtual machine concurrently supports a first and a second task, said method comprising:

receiving, by a virtual machine, a platform-specific native event that is associated with a first platform;

selecting, by said virtual machine, one of said first and second tasks as a selected task for receiving said platform-specific native event, wherein said selection is performed when said first and second tasks are concurrently supported by said virtual machine;

manipulating said platform-specific event to represent said platform-specific event in a form that is accessible by said selected task; and

processing said platform-specific native event by said selected task on behalf of said task.

2. (currently amended) A method as recited in claim 1, wherein said method further comprises:

providing an event-repository and an event-handler ~~at~~ for said selected task; and

placing said platform-specific native event in said event-repository;

invoking said event-handler to initiate processing of said native event; and

processing, by said event-handler, said platform-specific native event.

3. (currently amended) A method as recited in claim 2,
wherein said event-repository is implemented as a first-in first-out queue,
wherein said event-handler is implemented as an event-handler thread, and
wherein said selection is performed by an event-manager thread of said virtual machine.

4. (currently amended) A method as recited as claim 1, wherein said platform-specific event is manipulated to be associated with a Java compliant data structure.

~~method further comprises:~~

~~Manipulating said native event to be Java compliant.~~

5. (currently amended) A method as recited in claim ~~4~~ 1, wherein said manipulating of said platform-specific native event is performed by said virtual machine.

6. (currently amended) A method as recited in claim 1, wherein said selected task is associated with a Java compliant Mobile Information Device Profile application (MIDlet) ~~MIDlet~~.

7. (canceled).

8. (original) A method as recited in claim 1, wherein said selection comprises:
selecting a foreground task when said selection is made.

9. (currently amended) A method as recited in claim 1,
wherein said selected task is associated with a Java compliant Mobile Information Device Profile application (MIDlet) ~~MIDlet~~, and

wherein said selection comprises:

selecting a foreground task when said selection is made, said foreground task being one of processed in the foreground relative to an unselected task and displayed in the foreground relative to the unselected task.

10. (currently amended) A method as recited in claim 9, wherein said selecting said foreground tasks comprises: selecting a task that is displayed for a ~~the~~ user.

11. (original) A method as recited in claim 10, wherein said first platform includes a mobile device.

12. (currently amended) A computer-implemented virtual machine for processing platform-specific ~~native~~ events associated with a first platform, wherein said virtual machine concurrently supports a first and a second task, said virtual machine comprising:

first and second tasks that are concurrently operating on said virtual machine; and

a platform-specific ~~native~~ event dispatcher that operates ~~can operate~~ to:

receive a platform-specific ~~native~~ event that is associated with said first platform;

and

select one of said first and second tasks as a selected task for processing said platform-specific ~~native~~ event,

wherein said virtual machine manipulates said platform-specific event to represent said platform-specific event in a form that is accessible by said selected task.

13. (currently amended) A computer-implemented virtual machine as recited in claim 12, wherein said virtual machine further comprises: a platform-specific native event-handler at ~~for~~ said selected task, wherein said platform-specific native event-handler is invoked when said selected task is selected, and wherein said platform-specific native event-handler processes said platform-specific native event when said native event-handler is invoked.

14. (currently amended) A computer-implemented virtual machine as recited in claim 12, wherein said virtual machine further comprises:

a platform-specific native event-repository and a platform-specific native event-handler at ~~for~~ said selected task; and

said platform-specific native event-dispatcher can further operate to:

place said platform-specific native event in said platform-specific native event-repository; and

invoke said platform-specific native event-handler to initiate processing of said platform-specific native event.

15. (currently amended) A method of processing native events by a virtual machine that operates on a first platform, wherein said virtual machine concurrently supports a first and a second task on said first platform, said method comprising:

receiving, by a virtual machine, a platform-specific native event that is associated with a first platform;

determining, by said virtual machine, which one of said first and second tasks is a foreground task, wherein said foreground task is displayed in the foreground relative to the other of the first and second tasks ~~the only task that is displayed~~;

manipulating said platform-specific event to represent said platform-specific event in a form that is accessible by said selected task; and

processing, by said foreground task, said platform-specific native event.

16. (original) A method as recited in claim 15, wherein said first platform includes a mobile device.

17. (currently amended) A method as recited in claim 15, wherein said first and second tasks are associated with Mobile Information Device Profile applications (MIDlets) MIDlets.

18. (currently amended) A computer-implemented virtual machine ~~capable of processing native events, wherein said virtual machine that~~ concurrently supports a first and a second task on a first platform, and wherein said virtual machine operates ~~can operate~~ to:

receive a platform-specific native event that is associated with said first platform;

determine which one of said first and second tasks is a foreground task, wherein said foreground task is displayed in the foreground relative to the other of the first and second tasks is the task displayed;

manipulate said platform-specific event to represent said platform-specific event in a form that is accessible by said selected task; and

process said platform-specific event by said foreground task ~~on behalf of said native event.~~

19. (currently amended) A computer-implemented virtual machine as recited in claim 18,

wherein said virtual machine operates on a mobile device; and

wherein said foreground task is associated with a Java compliant Mobile Information Device Profile application (MIDlet) MIDlet.

20. (currently amended) A computer readable medium including computer program for processing platform-specific native events by a virtual machine that operates on a first platform, wherein said virtual machine concurrently supports a first and a second task, said computer readable medium comprising:

computer program code for receiving a platform-specific native event that is associated with a first platform;

computer program code for selecting one of said first and second tasks as a selected task for receiving said platform-specific native event, wherein said selection is performed when said first and second tasks are concurrently supported by said virtual machine;

computer program code for manipulating said platform-specific event to represent said platform-specific event in a form that is accessible by said selected task; and

computer program code for processing said platform-specific native event by said selected task.

21. (canceled).

22. (currently amended) A computer readable medium as recited in claim 20, wherein said selected task is associated with a Java compliant Mobile Information Device Profile application (MIDlet) ~~MIDlet~~.